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Docket No. 23091/25 (ACT183)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor(s), I hereby declare that:

TYPE OF DECLARATION

This declaration is for a utility patent application.

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if two or more names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

MICROMACHINED STRUCTURES MADE BY COMBINED
WET AND DRY ETCHING

SPECIFICATION IDENTIFICATION

The specification

is attached hereto.
 was filed on February 14, 2002 and has U.S. Application Number 10/076,858
and was amended on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56.

PRIORITY

The present application claims the benefit under 35 U.S.C. §119(a) – (d) or 365(b) of any foreign application(s) or 365(a) of any PCT International application which designated at least one country other than the U.S.:

Prior Foreign Application(s) Serial Number	Filing Date
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The present application claims the benefit under 35 U.S.C. §119(e) of Prior U.S. Provisional Applications:

Provisional Application Serial Number	Filing Date
60/269,011	February 14, 2001
60/269,010	February 14, 2001

The present application claims the benefit under 35 U.S.C. §120 of the following Applications:

Application Serial Number	Filing Date	Status
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POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)

All of Brown Rudnick Berlack Israels, LLP	Customer No. 21710
Brian L. Michaelis, Reg. No. 34,221	David D. Lowry, Reg. No. 38,538
Mark S. Leonardo, Reg. No. 41,433	Peter B. Sorell, Reg. No. 44,349
Thomas M. Saunders, Reg. No. 29,585	Joseph P. Quinn, Reg. No. 45,029
Maria M. Eliseeva, Reg. No. 43,328	Mark A. Hofer, Reg. No. 30,068
John C. Serio, Reg. No. 39,023	Steven M. McHugh, Reg. No. 47,784

SEND CORRESPONDENCE TO

Maria M. Eliseeva, Esq.
Brown Rudnick Berlack Israels, LLP
One Financial Center
Boston, MA 02111

DIRECT TELEPHONE CALLS TO:

Maria M. Eliseeva, Esq. 617-856-8340

#13

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Inventor: Dan A. Steinberg

Inventor's signature:

Dean Steinberg

Date

Sept 23, 2002

Country of Citizenship: U.S.A.

Residence: 410 Lee Street, Blacksburg, VA 24060

Post Office Address: Same as above

Inventor: Jasean Rasnake

Inventor's signature:

Date

Country of Citizenship: U.S.A.

Residence: 1315 Sandy Circle, Blacksburg, VA 24060

Post Office Address: Same as above

Inventor: David W. Sherrer

Inventor's signature:

Date

Country of Citizenship: U.S.A.

Residence: 3291 Deer Run Road, Blacksburg, VA 24060

Post Office Address: Same as above

#1140050 - 23091/25

*David is not an inventor
in this case*

Docket No.
23091/25

Ref# 183



Declaration For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MICROMACHINED STRUCTURES MADE BY COMBINED WET AND DRY ETCHING

the specification of which

(check one)

is attached hereto.

was filed on February 14, 2002 as United States Application No. or PCT International

Application Number 10/076,858

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

<u>60/269,011</u>	<u>02/14/2001</u>
(Application Serial No.)	(Filing Date)
<u>60/269,010</u>	<u>02/14/2001</u>
(Application Serial No.)	(Filing Date)
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(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<hr/>	<hr/>	<hr/>
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
<hr/>	<hr/>	<hr/>
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
<hr/>	<hr/>	<hr/>
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor
Dan A. Steinberg

Sole or first inventor's signature

Date

Residence
410 Lee Street, Blacksburg, VA 24060

Citizenship
United States of America

Post Office Address
Same as above

Full name of second inventor, if any
Jasean Rianake

Second inventor's signature
Jasean Rianake

Date

8/13/02

Residence

1315 SANDY CIRCLE, BLACKSBURG, VA 24060

Citizenship

USA

Post Office Address

SAME AS ABOVE

Full name of third inventor, if any
David W. Sherrer

Third inventor's signature
D. Sherrer

Date

Residence

3291 Deer Run Road, Blacksburg, VA 24060

Citizenship

United States of America

Post Office Address

Same as above

Full name of fourth inventor, if any

Fourth inventor's signature

Date

Residence

Citizenship

Post Office Address